Advanced

Axis AX

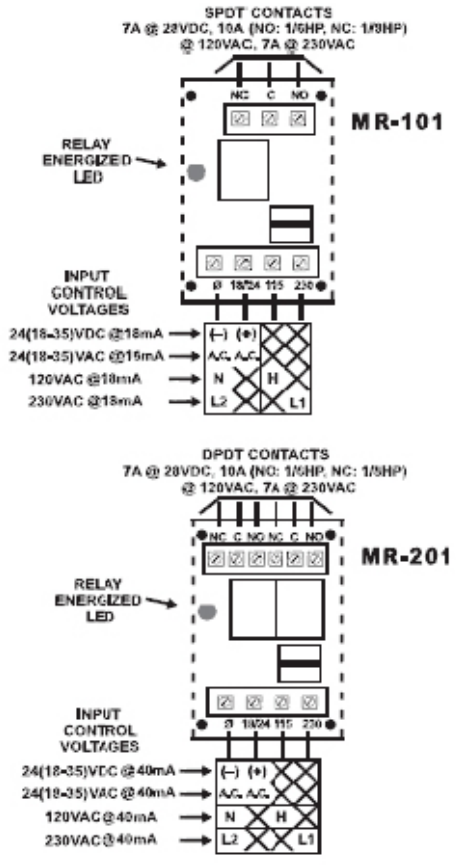
MR Series

The MR Series Multi-voltage Control Relays offer SPDT or DPDT 10 Amp resistive contacts which may be operated by one of four input control voltages. A single relay may be energized from a voltage source of 24VDC, 24VAC, 120VAC or 230VAC by wiring to appropriate input terminals.

Each relay position contains a red LED which indicates the relay coil is energized. Relays may be “snapped apart” from a standard 4 module assembly and used independently. These devices are ideal for applications where local contacts are required for system status, remote contacts for control of electrical loads and general purpose switching. They are suitable for use with HVAC, Temperature Control, Fire Alarm, Security, Energy Management and Lighting Control Systems.



Wiring Diagram



Features

- Relays may be Energized from a Voltage Source of 18 to 35VDC or VAC, 120VAC or 230VAC
- Each Relay Position Contains a Red LED, which Illuminates when the Coil is Energized. This Provides a Time Saving Device when Checking an Installed System – No Metering is Required
- Single, Dual or Triple Relay Modules may be “Snapped Apart” from Standard 4-Position Master DC Control Inputs are Polarized
- For Continuous Duty use at 24VAC, 24VDC or 120VAC (NOTE: Not intended for continuous duty use @ 230VAC)
- /C Versions Mounted in Enclosures
- /C/R Versions with Red Covers for NYC and Other Uses
- /T Versions come Complete with Track Mounting Hardware which Facilitates Installation in Standard Cabinets
- UL Recognized Relays Rated at 10,000,000 Mechanical Operations
- UL Listed as Control Unit Accessory
- Available in Dust Resistant Enclosures with LED Viewing Port(s)

Listings and Approvals

- UL & CUL Listed
- CSFM Listed
- MEA Accepted

Specification

Model Number	Module Positions	Contact Configuration	Track Mount H x W x D	Enclosure Mount H x W x D	Cover Material	UL* File S3403	MEA File 73-92-E	CSFM File 7300-1004
MR-101/T	1	SPDT	3.25" (82mm) 2.125" (54mm) 1.50" (38mm)			UOXX2		:106
MR-101/C	1	SPDT		5.125" (130mm) 3.125" (79mm) 2.50" (63mm)	Grey ABS-94VO Plastic	UOXX UOXX2 UOXX7	Vol. 14	:101
MR-101/C/R	1	SPDT			Red ABS-94VO Plastic		Vol. 22	
MR-104/T	4	SPDT	3.25" (82mm) 8.50" (215mm) 1.50" (38mm)			UOXX2		:106
MR-104/C	4	SPDT		5.125" (130mm) 9.50" (241mm) 2.50" (63mm)	Plated 18ga CRS	UOXX UOXX2 UOXX7	Vol. 14	:101
MR-104/C/R	4	SPDT			Red 18ga CRS			
MR-201/T	1	DPDT	3.25" (82mm) 2.125" (54mm) 1.50" (38mm)			UOXX2		:106
MR-201/C	1	DPDT		5.125" (130mm) 3.125" (79mm) 2.50" (63mm)	Grey ABS-94VO Plastic	UOXX UOXX2 UOXX7	Vol. 16	:101
MR-201/C/R	1	DPDT			Red ABS-94VO Plastic		Vol. 22	
MR-204/T	4	DPDT	3.25" (82mm) 8.50" (215mm) 1.50" (38mm)			UOXX2		:106
MR-204/C	4	DPDT		5.125" (130mm) 9.50" (241mm) 2.50" (63mm)	Plated 18ga CRS	UOXX UOXX2 UOXX7	Vol. 16	:101
MR-204/C/R	4	DPDT			Red 18ga CRS			

Coil Voltage:	MR-100: 24(18-35)VDC, 24(18-35)VAC, 120VAC, 230VAC MR-200: 24(18-35)VDC, 24VAC, 120VAC, 230VAC (Pull in voltage: 75% of nominal max. @ 25°C; Drop out voltage: 25% of nominal min. @ 25°C
Polarized:	DC input only
Energized LED Indicator:	One per module position
Current Requirement:	Per module psition: MR-100 Series = 18mA / MR-200 Series = 40mA
Contact Ratings:	7A @ 28VDC / 10A (NO: 1/6HP, NC: 1/8HP) @ 120VAC / 7A @ 230VAC
Contact Construction:	Dry Form "C"
Environmental:	32°F to 120°F (0° to 49°C) @ 85% RH (@ 32°F), Non-condensing, Non-freezing
Wiring:	Solid or stranded; #12 to #22 AWG terminals
/T Versions	3.5" wide, low profile plastic snap track provided with mounting screws
/C Versions	Backbox: 18ga CRS, plated with 1/2" conduit knockouts top and bottom

* UOXX=Control Unit Accessories, System; 2=Component; 7=Certified for Canada

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